Rabbit Acetyl Coenzyme A Acyltransferase 2 Polyclonal Antibody | anti-ACAA2 antibody

Polyclonal Antibody to Acetyl Coenzyme A Acyltransferase 2 (ACAA2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145694	**Rabbit**	**Mouse, Human, Rat**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Acetyl Coenzyme A Acyltransferase 2; Polyclonal Antibody; Polyclonal Antibody to Acetyl Coenzyme A Acyltransferase 2 (ACAA2); DSAEC; T1; Mitochondrial 3-Oxoacyl-Coenzyme A Thiolase; Beta-ketothiolase; Mitochondrial 3-oxoacyl-CoA thiolase; anti-ACAA2 antibody

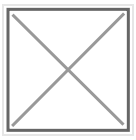
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ACAA2. It has been selected for its ability to recognize ACAA2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	397
Applicable Applications for anti-ACAA2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	ACAA2 (Arg90~Ala397)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant ACAA2 (Arg90~Ala397) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

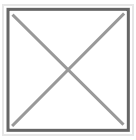
IMAGES

IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue

IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human Hela cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Mouse ACAA2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	29126205
NCBI GeneID	52538
NCBI Accession #	NP_803421.1
NCBI GenBank Nucleotide #	NM_177470.3
UniProt Accession #	Q8BWT1; Q3TIT9; Q8JZR8
Molecular Weight	41,830 Da
NCBI Official Full Name	3-ketoacyl-CoA thiolase, mitochondrial
NCBI Official Synonym Full Names	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase)
NCBI Official Symbol	Acaa2
NCBI Official Synonym Symbols	AI255831; AI265397; D18Ertd240e; 0610011L04Rik
NCBI Protein Information	3-ketoacyl-CoA thiolase, mitochondrial
UniProt Protein Name	3-ketoacyl-CoA thiolase, mitochondrial
UniProt Gene Name	**Acaa2**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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